

Standard Air Compressors (LPC compliant)

Data sheet for SEP0.7S OIL-FREE SUPER-QUIET with or without air receiver



Description

Brand new for 2021 is our quietest compressor ever – developed for a demanding market sector where dry system pressurisation may be required near to offices, reception areas and other working environments. This pump runs at **just 58dB(A)** (somewhere between a fridge and background office noise) and being oil-free is very low maintenance.

The compressor comprises a 230v/0.75kw/1HP air-cooled reciprocating twin-head air compressor pump unit which is driven directly by a standard electric motor. The compressor is mounted upon a buffered base plate for protection. The receiver model includes a 24L CE-marked air receiver, underhanging for easy installation, and uses our new compact design, reducing the height by 15cm and the weight by 10kg. Floor- and riser-mounting kits are available as an option. Filter/regulators and air maintenance devices are available for use with receiver models.

The compressor is specifically designed and built to help you meet as many LPCB guidelines as possible; the only additional requirement for an FM system is an air receiver. Our design includes:

- A quality Danfoss pressure switch to enable automatic “stop/ start” control (standard settings below – if required cut-out is below 2.5bar, or differential below 0.9bar, then a ‘low pressure’ or receiver model is required).
- Unloading valve and non-return valve to release pressure once the compressor stops.
- Safety relief valve and thermal overload for pressure and electrical protection.
- On-delay timer to prevent early cut-in in case of sprinkler activation (excluded on request).
- 63mm glycerine filled pressure gauge.
- 24 litre air receiver with manual drain tap (auto-valve available on request).

Technical information

Voltage input	220-240v (1ph)	
Power output	0.75kw/1hp (FLC 5A)	
Air output	Gross 5.8cfm/165lpm (approx. FAD @ 2bar 3.8cfm/108lpm)	
Maximum pressure	5.5bar (restricted by safety relief)	
Standard pressure settings	Cut-out 3.5bar, cut-in ~2.6bar (see above)	
Outlet	Flexible 3/8" hose with 1/2" adaptor (0.5m supplied; 1m available)	
Noise level	58 dB(A)	
	Non-receiver	Receiver
Dimensions	W57cm D31cm H36cm	W62cm D36cm H67cm
Weight	24kg	47kg

Important

Non-receiver models **must** be connected to ‘open’ pipework to prevent damage to the compressor.

If you wish to use an air maintenance device, regulator or restricted orifice, then a receiver model must be installed.